

# Manhole Inspection Summary

Manhole # S47Y1\_007MH

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**Inspection** ☐ Is Incomplete Rating: **3) Fair**

Record Plat: **47Y1** Node: **007** Status: **Found**

Insp Date: **6/2/09 8:47 AM**

Incomplete Comments

Crew: **B**  
Inspector: **CrewB**  
Firm: **KEC**

**Location** Address: **3501 Chesapeake Ave.**

Cross Street: **Sun St.**

**Manhole** Type: **Junction**

Location: **Woods**

Ground Conditions: **Dry**

☐ Prev. Rehab

Weather: **Dry**

Subject To Ponding: **None**

Comments **Heavy mud in barrel and on bottom steps.**

**Cover**

Shape: **Circular**

Diameter: **24** (in.) Length: (in.) Dist A/B Grade: **24** (in.)

Type: **Sanitary**

Condition: **Sound**

Cover Material: **Cast Iron**

Properties: ☐ Bolted ☐ Vented ☐ Water Tight ☐ Water Tight Insert

**Frame**

Offset: **0** (in.)

Condition: ☒ Sound ☐ Cracked ☐ Leaks

**Chimney / Frame Adjustment**

☒ Exists Material: **Brick and Concrete** ☐ Parged Height: **30** (in.)

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

**Corbel**

Material: **Brick**

☐ Parged

Type: **Concentric/Eccentric**

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☐ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☒ Wall

**Barrel**

Material: **Brick**

☐ Parged

Shape: **Circular**

Diameter: **40** (in.) Length: (in.)

Condition: ☐ Sound ☒ Cracked ☐ Root Intrusion ☐ Loose Brick ☒ Deteriorated

Infiltration: ☐ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☒ Wall

**Bench**

☐ Exists Material:

☐ Parged

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

**Channel**

Material: **Brick**

☐ Parged

Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth:

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

**Steps**

Count: **10** Missing: **0** ☒ Corroded

**Surcharge**

☒ Evidence Of Surcharge Depth: **10** (ft.) ☐ Active Surcharge Present

Location View



Top View



steps



Defect 1



wall infiltration

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42 in. Circular Gravity Sewer  
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



Pipe Height: **43.2** (in.) Rod and Bar (Angled)  
Pipe Material: **Concrete** ☐ Pipe Lined  
Invert Depth: **19.72** (ft.) Flow Characteristics: **Fast**  
Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease  
Silt Depth: (in.) Deposits Extent:  
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

42 in. Circular Gravity Sewer  
Pipe In @ 6 O'Clock

6 O'Clock Inflow



Pipe Height: **43.2** (in.) Rod and Bar (Angled)  
Pipe Material: **Concrete** ☐ Pipe Lined  
Invert Depth: **19.60** (ft.) Flow Characteristics: **Fast**  
Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease  
Silt Depth: (in.) Deposits Extent:  
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection

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8 in. Circular Gravity Sewer

9 O'Clock Inflow

Pipe In @ 9 O'Clock



Pipe Height: (in.) Direct (Angled)

Pipe Material: **Clay** ☐ Pipe Lined

Invert Depth: **13.90** (ft.) Flow Characteristics: **Fast**

Deposits: ☐ None ☐ Mud ☒ **Sludge** ☒ **Debris** ☒ **Grease**

Silt Depth: **4** (in.) Deposits Extent: **Heavy**

Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **None**

Connects To: **Manhole**

☐ Possible Illicit Connection